

What Water Quality Projects Have Been Identified?



The full list of projects identified by the Stormwater Improvement Plan includes over 100 new BMPs, 11 stream restorations, and 20 BMP retrofits. All projects were evaluated using the Prioritization and Ranking Criteria. Below, the top 11 projects of each BMP type are shown. BMP types include: new BMPs, which are new construction of structural BMPs; stream restorations, which rehabilitate degraded stream channels using natural channel designs; and BMP retrofits, which are redesigns to existing BMPs that are already constructed.

The projects recommended for implementation are those that are most effective in meeting pollutant removal requirements for the City. Top ranked projects will have an associated high priority concept plan meant for efficient grant submittals and capital improvement planning.

New BMPs

Rank	Map ID	BMP Type	Name
1	Veg 518	Vegetated Filter Strip	Parks and Rec Facility - Waterman Drive
2	Veg 405	Vegetated Filter Strip	Morrison Park
3	H42-A	Regenerative SW Conveyance	East Market Street Median
4	Veg 512	Vegetated Filter Strip	Maryland Ave - by Railroad Tracks
5	H11	Vegetated Filter Strip	Ralph Sampson Park - Cul-de-sac
6	Veg 527b	Vegetated Filter Strip	Kiwanis Park (B)
7	Veg 402	Vegetated Filter Strip	Ramblewood Road (2100 Block)
8	Bio 514	Bioretention Pond	Electric Substation - Mt. Clinton Pike
9	Bio 502	Bioretention Pond	Norwood Street Field
10	H38-C	Bioretention Pond	Harrisonburg Central Stores (North)
11	Veg 529	Vegetated Filter Strip	Chicago Avenue Bike Trail



Parks & Rec Facility — new vegetated filter strip



Chicago Ave Bike Trail — new vegetated filter strip

Stream Restorations

Rank	Map ID	BMP Type	Name
1	HB-11	Stream Restoration	North End Greenway Trail
2	HB-6	Stream Restoration	Keister Elementary School
3	HB-4	Stream Restoration	Mountain View Drive
4	HB-10	Stream Restoration	Charles Street to Ashby Avenue
5	HB-8	Stream Restoration	Westover Park to South Willow Street
6	HB-1	Stream Restoration	East Mosby Rd to City Limits
7	HB-3	Stream Restoration	"Mall Creek" - Country Club Road
8	HB-5	Stream Restoration	South Avenue to South Main Street
9	HB-7	Stream Restoration	Mongers to Ohio Avenue
10	HB-12	Stream Restoration	Heritage Oaks Golf Course
11	HB-9	Stream Restoration	Ice House to Chesapeake Avenue



Westover Park — stream restoration site

BMP Retrofits

Rank	Map ID	BMP Type	Name
1	121-50	Bioretention Pond	Lucy Simms School - East Washington Street
2	90-15	Bioretention Pond	Thomas Harrison Middle School - Front Parking Lot
3	92-14	Bioretention Pond	Thomas Harrison Middle School - Beside Track & Basketball Court
4	223-522	Vegetated Filter Strip	Massanutten Technical Center - Pleasant Valley Road
5	91-13	Bioretention Pond	Thomas Harrison Middle School
6	79-16	Bioretention Pond	Westover Park - Parking Lot Loop
7	158-133	Regenerative SW Conveyance	Erickson/Stone Spring Phase 2 - Stone Spring Bridge
8	88-9	Bioretention Pond	Stone Spring Elementary - Behind Track
9	222-523	Wet Pond	Manheim Auto Auction - Early Road
10	77-12	Wet Pond	West Market Street - Beside Entrance to Thomas Harrison Middle School
11	89-10	Extended Detention Pond	West Market Street - Beside White House



The above BMPs were originally built as flood control features, but may be retrofitted into water quality features.